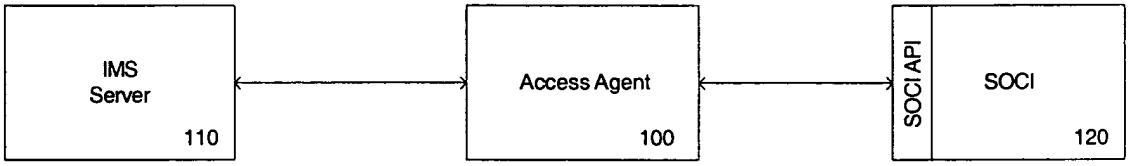

FIG. 1

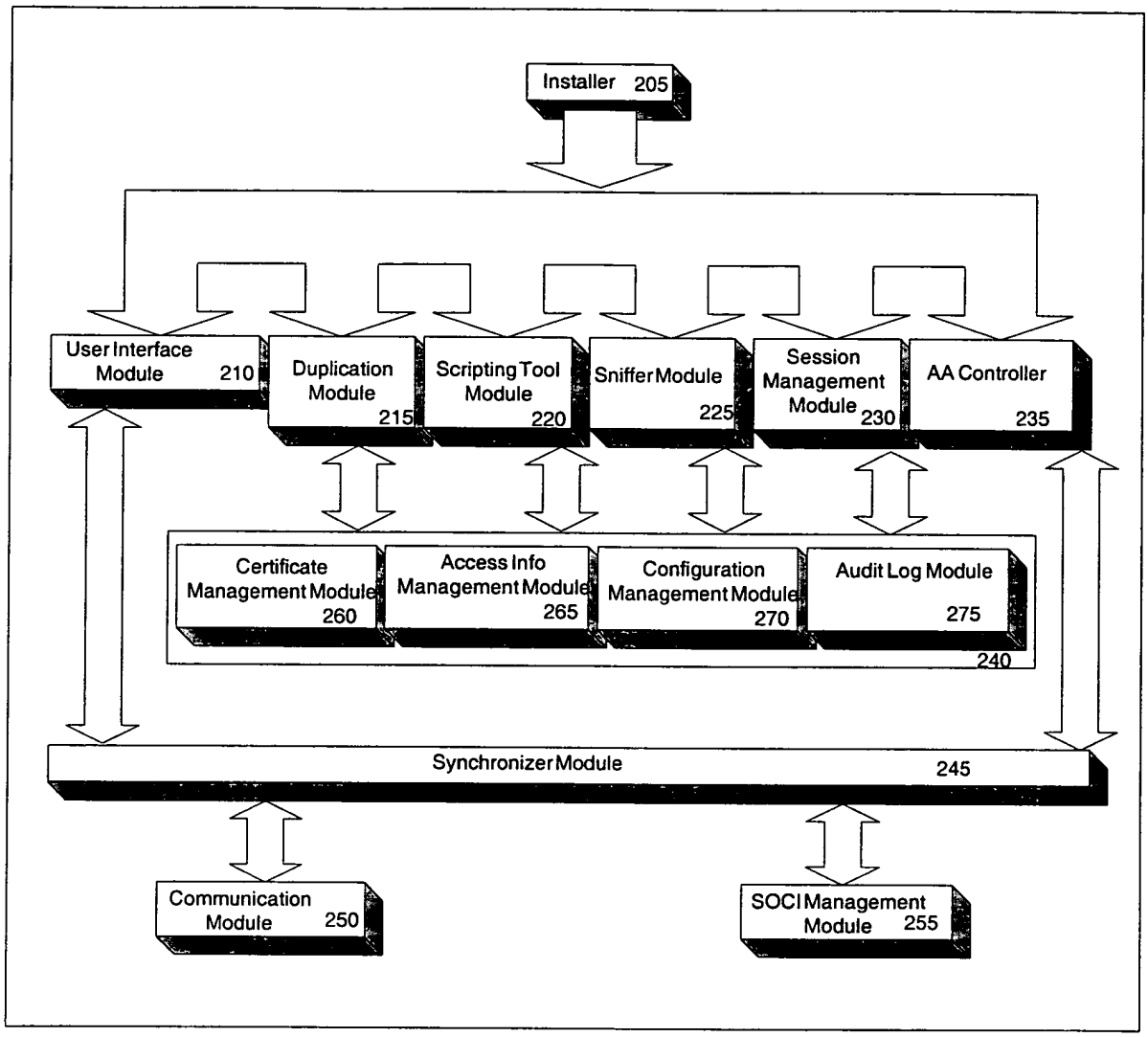
Installer 205
User Interface Module 210
Duplication Module 215
Scripting Tool Module 220
Sniffer Module 225
Session Management Module 230
AA Controller 235
Certificate Management Module 260
Access Info Management Module 265
Configuration Management Module 270
Audit Log Module 275
240
Synchronizer Module 245
Communication Module 250
SOCI Management Module 255

FIG. 2

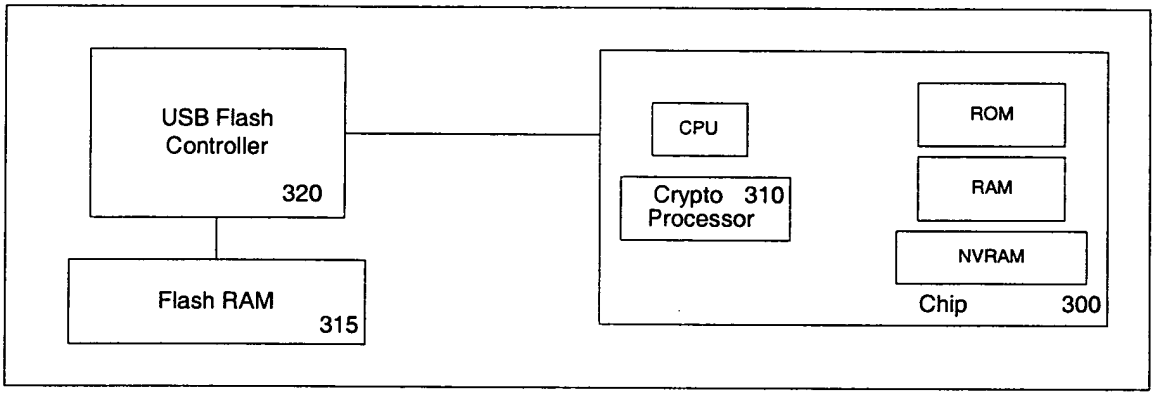
USB Flash
Controller
320
Flash RAM
315
CPU
Crypto 310
Processor
ROM
RAM
NVRAM
Chip
300

FIG. 3

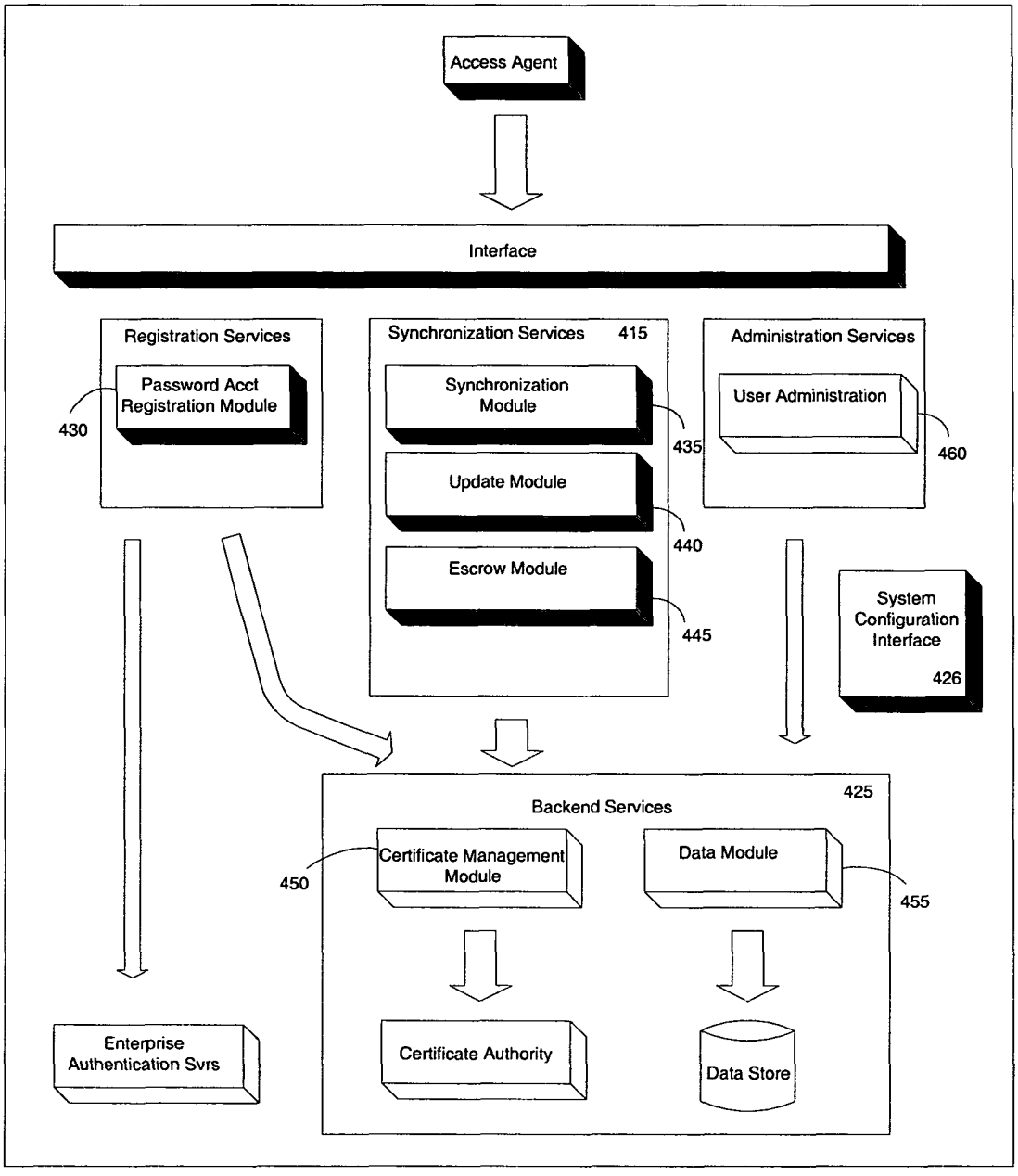
Access Agent
Interface
Registration Services
Password Acct Registration Module
430
Synchronization Services
415
Synchronization Module
435
Update Module
440
Escrow Module
445
Administration Services
User Administration
460
System Configuration Interface
426
Backend Services
425
Certificate Management Module
450
Data Module
455
Enterprise Authentication Svrs
Certificate Authority
Data Store

FIG. 4

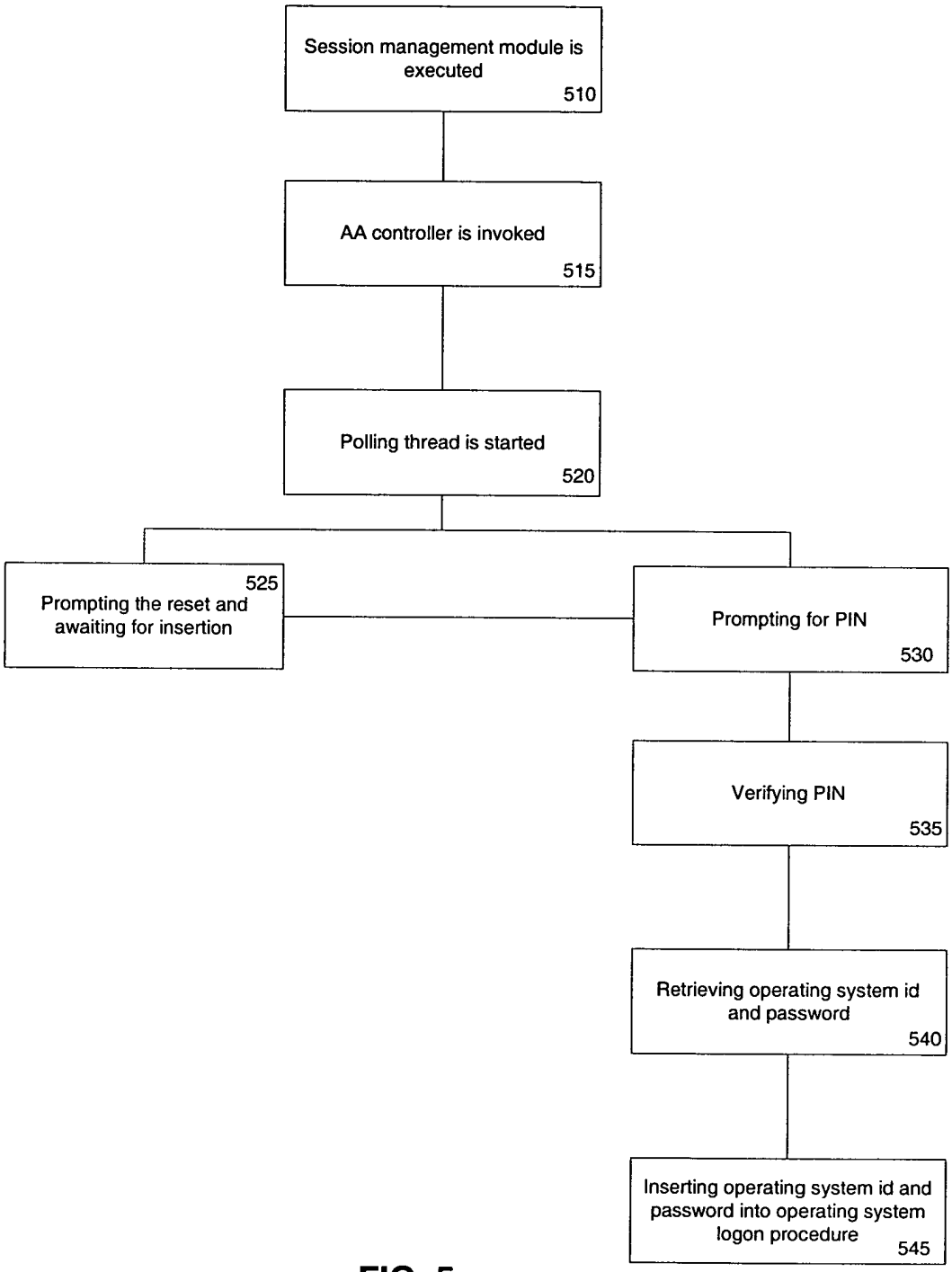
Session management module is executed
510
AA controller is invoked
515
Polling thread is started
520
525
Prompting the reset and awaiting for insertion
Prompting for PIN
530
Verifying PIN
535
Retrieving operating system id and password
540
Inserting operating system id and password into operating system logon procedure
545

FIG. 5

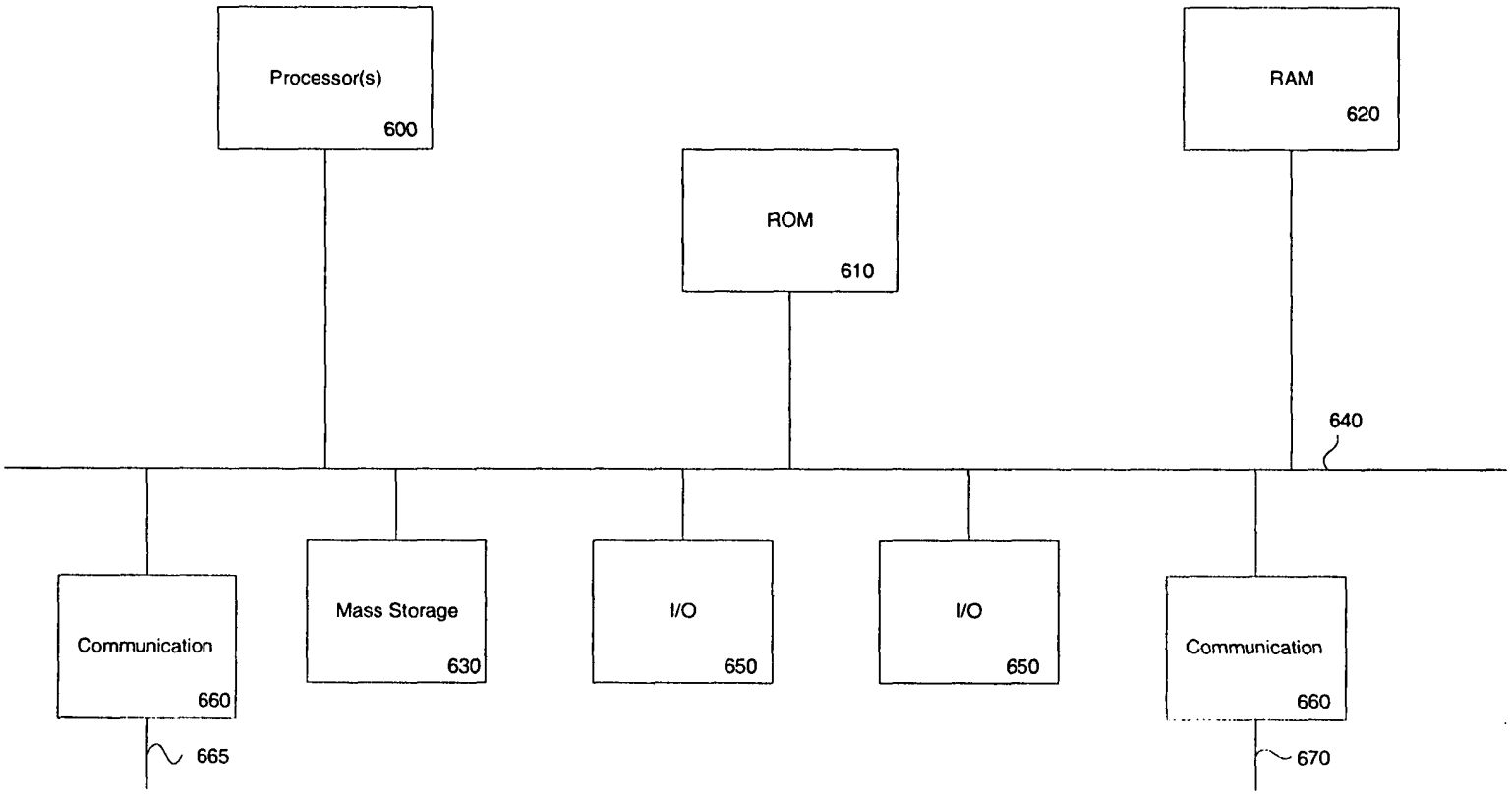
Processor(s)
600
ROM
610
RAM
620
640
Communication
660
665
Mass Storage
630
I/O
650
I/O
650
Communication
660
670

FIG. 6

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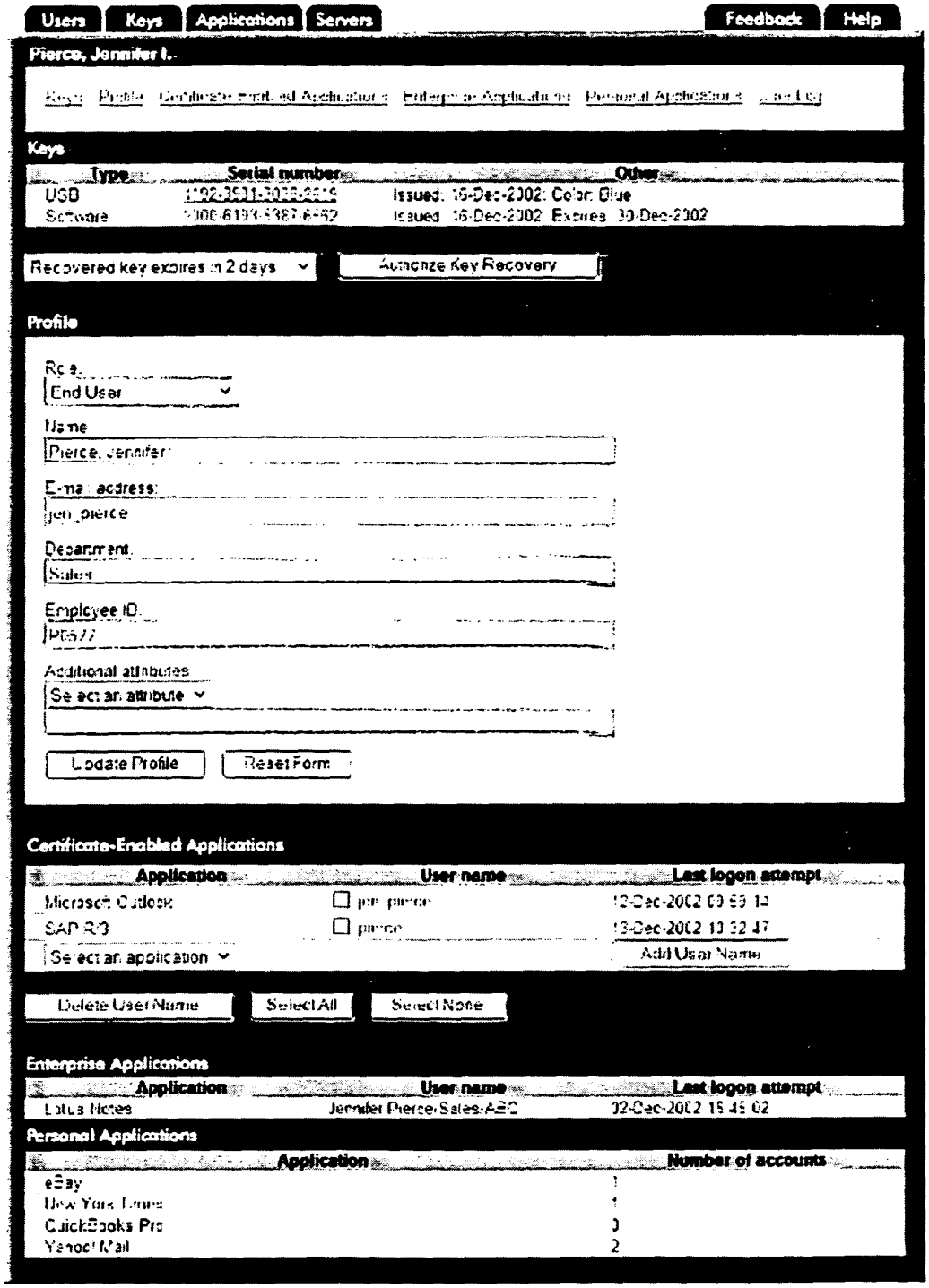

FIG. 7